Course : Diploma in Civil Engineering
Subject : Environmental Engineering

1. Lectures

Lectures :	20 hours
Tutorials:	6 hours
Lab:	4 hours
Total :	30 hours

2. Assessment Scheme
   a) Coursework 30%
   b) Examination 70%

   Examination is a **2-hour** end-of-module examination.

3. Passing mark is 40%. Students must pass **both** coursework and examination.

4.Coursework components
   a) Coursework comprises of 5 assignments and 2 tests.
   b) Test is close-book assessment to be completed in **1 hour** in the class.
   c) Students should be notified of the date of the test in advance, preferably in the beginning of the term.
   d) The assessment of the coursework is as follows:

Assignment 1,2,3,4,5	Best of 4 @ 5% each	20 %
Tests 1,2	2 @ 30% each	60 %
Lab 1,2	2 @ 10 % each	20 %
	Total	100 % of the total course work marks

   e) Laboratory report to be submitted as a group report.

5. Suggested Schedule of Lectures
   This is a suggestion only and the lecturers can decide the schedule themselves and notify the department subsequently.

Seq.	Form One hour		Topics	Remarks
	Lecture	1	Water Supply	
	Lecture	2	Water Supply	
	Lecture	3	Sewage Treatment	
	Tutorial	1 a,b		
	Lecture	4	Sewage Treatment	
	Lecture	5	Strategic Sewage Disposal Scheme	
	Lecture	6	Air Quality & Air Pollution	
	Tutorial	2 a, b		
	Lecture	7	Air Quality & Air Pollution	
	Lecture	8	Air Quality & Air Pollution	
	Lecture	9	Solid Waste Management	
	Tutorial	3 a,b	**TEST 1**	Cover lectures 1-8
	Lecture	10	Solid Waste Management	
	Lecture	11	Solid Waste Management	
	Lecture	12	Solid Waste Management	
	Tutorial	4 a,b		
	Lecture	13	Solid Waste Management	
	Lecture	14	Solid Waste Management	
	Lecture	15	Noise Pollution & Control	
	Tutorial	5 a,b		
	Lecture	16	Noise Pollution & Control	
	Lecture	17	Noise Pollution & Control	

	Tutorial	6 a,b	**TEST 2**	Cover lectures 9- 17
	Lecture	18	Noise Pollution & Control	
	Lecture	19	Noise Pollution & Control	
	Lecture	20	Noise Pollution & Control	
	Lab	1 (2 hrs)		To be arranged, group report to be submitted before final exam.
	Lab	2 (2 hrs)		ditto

6. Laboratory
    1. Properties of Water
    2. Noise Pollution

7. Reference books

1. Davis & Cornwall, 1998, Introduction to Environmental Engineering, Mcgraw-Hill
2. Peavy, Rowe & Tchobanoglous, 1986, Environmental Engineering, McGraw-Hill.
3. Environmental Hong Kong – Environmental Protection Department, HKSAR.
4. Tebbutt, 1992, Principles of Water Quality Control, Pergamon Press.
5. Smith, Peters, Owen, 1996, Acoustics and Noise control, Longman
6. Godish, 1991, Air Quality, Lewis